

WHAT IS CLAIMED IS:

1. A thermally activating apparatus comprising:

a main body frame; a thermal head for heating a sheet; a first head holding member for holding the thermal head from a back portion thereof; a platen roller arranged in parallel with the thermal head; paper feeding means for transporting the sheet after having been heated by the thermal head; and a second head holding member having a first support shaft in parallel with the thermal head for holding the first head holding member pivotably by the first support shaft,

wherein the second head holding member is pivotably supported by a second support shaft arranged in parallel with the thermal head and transversely hung rotatably between side walls of the main body frame and the thermal head is constituted to be able to be proximate to and remote from the platen roller by constituting centers of rotation by two shafts of the first support shaft and the second support shaft.

2. The thermally activating apparatus according to Claim 1, wherein the paper feeding means is attached to the second head holding member.

3. The thermally activating apparatus according to Claim 2, wherein a side portion of the platen roller is provided with a gear transmission mechanism for driving to rotate the platen roller, the paper feeding means is provided with a rotating shaft arranged in parallel with the thermal head and a gear

attached to an end portion of the rotating shaft, and the gear is constituted to be brought in mesh with any of gears constituting the gear transmission mechanism for driving to rotate the platen roller when the thermal head is brought into a state of being brought into contact with the platen roller.

4. The thermally activating apparatus according to Claim 2, wherein the paper feeding means comprises two rotating shafts arranged in parallel with the thermal head, a belt wound around the two rotating shafts and a gear attached to an end portion of either one shaft of the two rotating shafts and the gear is constituted to be brought in mesh with any of gears constituting the gear transmission mechanism for driving to rotate the platen roller when the thermal head is brought into a state of being brought into contact with the platen roller.

5. The thermally activating apparatus according to Claim 4, wherein a plurality of pieces of the belts are wound therearound at predetermined intervals along a length direction of the two rotating shafts.

6. The thermally activating apparatus according to Claims 1, wherein the first head holding member is provided with heat radiating means for escaping heat generated at the thermal head.

7. The thermally activating apparatus according to Claim 1, wherein a side wall of the main body frame is provided with a locking piece, a side portion of the first head holding member is attached with a coupling piece having a recessed portion

engageable with the locking piece pivotably by a third support shaft and the first head holding member and the second head holding member are constituted to be integrated with the frame by engaging the locking piece and the recessed portion to thereby hold the thermal head in a state of being brought into contact with the platen roller.